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Update on the gradient flow scale on the 2+1+1 HISQ ensembles

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We report on the ongoing effort of improving the determination of the gradient flow scale on the 2+1+1 HISQ ensembles generated by the MILC collaboration. We measure the t_0 and w_0 scales with the Wilson and Symanzik flow using three discretizations for the action density: clover, Wilson and tree-level Symanzik-improved. For the absolute scale setting we intend to employ the Omega baryon mass but are also using the pion decay constant while the Omega-mass calculations are in progress.

Topical area

Standard Model Parameters

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